

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	438	(bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/29 12:33
S2	6739	(bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/29 12:42
S3	2	S1 same (flocculating or flocculate)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/29 12:26
S4	8	S1 and (flocculating or flocculate)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/03/29 12:41

S5	8	S4 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 12:33
S6	3528	(bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:48
S7	53	S2 and (flocculating or flocculate)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 12:42
S8	5974	S2 and oil	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 12:45

S9	48	S8 and (flocculating or flocculate)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 12:43
S10	5593	S8 and (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 12:45
S11	77	S1 same (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:51
S12	33	S11 same (wax alginate surfactant humectant carrageenan guar gelatin "locust bean gum" pectin)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:34
S13	22	S12 and (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:30
S14	6	S12 same (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:31

S15	33	S12 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose").	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:30
S16	22	S15 and (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:35
S17	28	S12 and oil	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:35
S18	19	S17 and (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:55

S19	3789	(bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:48
S20	4	(bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) same (aliginate or viscarin or carrageenan) same (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:51
S21	3789	(bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) S19 and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:39

S22	6813	S2 S19 and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:51
S23	172	S19 and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:53
S24	168	S23 and (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:53
S25	3086	S19 and (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:53
S26	547	S19 same (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:39
S27	410	S26 and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:53

S28	100	S26 same (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:54
S29	17344	S28 and nd (aliginate or viscarin or carrageenan)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:54
S30	6	S28 and (aliginate or viscarin or carrageenan)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:41
S31	38	S28 and (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:39
S32	266	S28 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) S19 and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:56

S33	204	S31 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) S19 and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:56
S34	6	S31 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 13:58
S35	168	S24 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:36



S36	103	S35 and (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:39
S37	14	"6025037".pn. "3539365".pn. "5366742".pn. "6037080".pn. "5769934".pn.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:35
S38	0	S37 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and (aliginat or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:36
S39	1	S37 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:36

S40	1	S37 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:14
S41	0	S40 and (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:39
S42	760937	S40 (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:40
S43	1	S40 and (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 14:40
S44	1	S43 and (aliginat or viscarin or carrageenan wax alginate surfactant humectant carrageenan guar gelatin "locust bean gum" pectin)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:13

S45	103	S36 and (aliginate or viscarin or carrageenan wax alginate surfactant humectant carrageenan guar gelatin "locust bean gum" pectin)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:10
S46	0	S41 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:16
S47	1	S44 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:37
S48	176	"l47" and ("citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:37

S49	484	"s47" and ("citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:37
S50	14	"6025037".pn. "3539365".pn. "5366742".pn. "6037080".pn. "5769934".pn.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:37
S51	1	S50 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:37
S52	1	S51 and (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:44
S53	1	S52 and (aliginat or viscarin or carrageenan wax alginate surfactant humectant carrageenan guar gelatin "locust bean gum" pectin)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:37

S54	1	S53 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and ("citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:44
S55	0	S54 and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:43
S56	29	("1655618"   "2978446"   "3023104"   "3141875"   "3146168"   "3539365"   "3667961"   "4461648"   "4634470"   "4645541"   "5011701"   "5123962"   "5543511").PN. OR ("5769934").URPN.	US-PGP UB; USPAT; USOCR	OR	OFF	2005/03/29 15:43
S57	13	S56 and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:46

S58	0	S57 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and ("citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:46
S59	6	S57 and (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:44
S60	7	("5441753"   "5462761"   "5534285"   "5736177"). PN. OR ("6025007"). URPN.	US-PGP UB; USPAT; USOCR	OR	OFF	2005/03/29 15:45
S61	22	("2978446"   "3539365"   "3573058"   "4311717"   "4427681"   "4517179"   "4744987"   "5011701"   "5079001"   "5123962"   "5180522"   "5192569"   "5366742"   "5415804"   "5462761"   "5533678"). PN. OR ("6037380"). URPN.	US-PGP UB; USPAT; USOCR	OR	OFF	2005/03/29 15:45
S62	28	("5441753"   "5462761"   "5534285"   "5736177"). PN. OR ("6025007"). URPN. or S61	US-PGP UB; USPAT; USOCR	OR	OFF	2005/03/29 15:46

S63	50	("5441753"   "5462761"   "5534285"   "5736177"). PN. OR ("6025007"). URPN. or S61 or S56	US-PGP UB; USPAT; USOCR	OR	OFF	2005/03/29 15:46
S64	23	S63 and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:50
S65	1	S64 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and ("citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:51
S66	8	S64 and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and ("citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:52

S67	12	S64 and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and ("citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride" surfactant)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 15:52
S68	3789	(bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) same ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:10
S69	172	S68 and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:10
S70	168	S69 and (flocculating or flocculate or "citric acid" or "lactic acid" or "ethanol" or "isopropyl alcohol" or "calcium chloride" or "potassium chloride" or "NaCl" or "sodium chloride")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:10



S71	168	S70 and (bead or beads or microparticle or "micro-particle" or nano-particle or nanoparticle granule) and ("microcrystalline cellulose" or "micro-crystalline cellulose" or "colloidal microcrystalline cellulose" or "colloidal micro-crystalline cellulose" avicel) and (aliginate or viscarin or carrageenan) and (oil or klearol)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:10
S72	103	S71 and (disintegration or disintegrate or dissolve)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:10
S73	103	S72 and (aliginate or viscarin or carrageenan wax alginate surfactant humectant carrageenan guar gelatin "locust bean gum" pectin)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:10
S74	103	S73 and oil	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2005/03/29 16:11